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July 8, 2003

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

JUL 15 2003

Technology Center 2600

SUBJECT: Applicants: Adams et al.
Serial No: 09/302,859
Filed: April 30, 1999
For: FILTER SYSTEM WITH REDUCED SWITCH
THERMAL NOISE AND A $\Sigma\Delta$ MODULATOR
USING SUCH A FILTER
Examiner: Kevin Kim
Confirm. No.: 7551
Group: 2634
Docket No: AD-200J

Dear Sir:

Enclosed is a RESPONSE in reply to the Non-Final Office Action mailed June 2, 2003 in the subject Application.

If for any reason this RESPONSE is found to be INCOMPLETE, or if at any time it appears that a TELEPHONE CONFERENCE with counsel would help advance prosecution, please telephone the undersigned, or his associates, collect in Waltham, Massachusetts, at (781) 890-5678.

If any payment during prosecution is found to be incorrect, please charge any deficiency or credit any overpayment to my Deposit Account No. 09-0002. A copy of this letter is enclosed for use by the Finance Branch in the event that it is necessary to make any charge or credit to my deposit account.

In addition, pursuant to Rule 1.136(a)(3), the Office is hereby authorized to treat any future reply requiring an extension of time as incorporating a request therefor. Also,

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any request or Petition for an Extension of Time notwithstanding an inadvertent reference in the Petition to a shorter period of time is to be treated as requesting the appropriate length of time.

Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Sincerely,



David W. Poirier
Reg. No. 43,007

DWP:wj
Enclosures

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service via first class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 8, 2003



Wynne D. Janis